

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number  
**WO 2005/070758 A1**

(51) International Patent Classification<sup>7</sup>: **B63C 9/20**,  
G08B 5/00

(21) International Application Number:  
PCT/SE2005/000087

(22) International Filing Date: 26 January 2005 (26.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0400150-9 26 January 2004 (26.01.2004) SE

(71) Applicant and

(72) Inventor: **SJÖBLOM, Hans** [SE/SE]; Skolgatan 78,  
S-831 46 Östersund (SE).

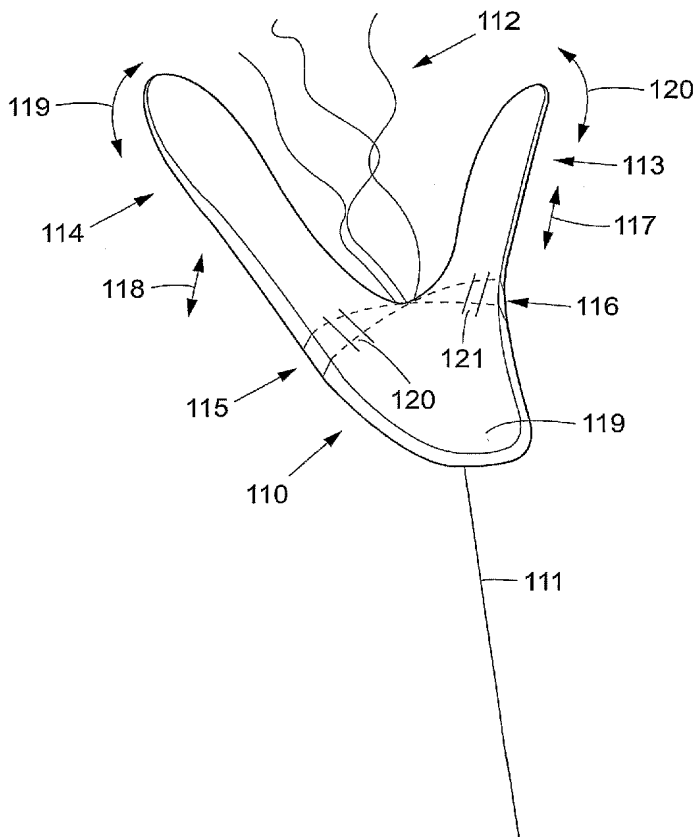
(74) Agent: **STRÖM & GULLIKSSON IPC AB**; Järnvägs-  
gatan 3, S-252 24 Helsingborg (SE).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: LOCATION SIGNALLING DEVICE



(57) Abstract: A location signalling device comprising a wing balloon for signalling a location. The wing balloon is fixed to a tether line that itself is fixed to the location to be signalled. The wing balloon has an inflatable aerodynamically shaped hollow body to be at least partly be filled with a lighter-than-air gas and having a wing attack surface for air flowing relative to said wing balloon. The floating aloft of said wing balloon is supported by said air flow. When the wing balloon is inflated, a flexible wing portion is passively variable. The stronger the wind, the less attack is given. Thus, the dragging force on the tether line is generally static.



**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*